



## Chairman of the Board



The appointment of O. D. Vaughan as Chairman of the University's Board of Governors was announced in July by the

## ATS joins in a study of incomes

A Committee on Supplementary Income and Related Activities has been established by joint action of the Presidential Advisory Committee on the Budget and the Association of the Teaching Staff.

Prof. John Crispo, Director of the Centre for Industrial Relations, is chairman of the new committee. The other members are: Prof. D. R. Carroll of the Department of English, University College; Prof. D. P. Gauthier of the Department of Philosophy; Dean J. Ham, Applied Science and Engineering; Dr. J. D. Hamilton, Vice-President (Health Sciences); Prof. R. W. Missen, Department of Chemical Engineering; Prof. J. M. Perz, Department of Physics, Scarborough College; J. H. Sword, Executive Vice-President (Academic) and Provost; and Prof. T. A. Wilson of the Institute for the Quantitative Analysis of Social and Economic Policy. Mrs. F. A. Ireland of the President's Office is secretary.

Among the issues with which the committee will be concerned are the following: summer research supplements, payments for academic and administrative work during the summer, Extension teaching, and consulting and other outside income; as well as the effect of such activities upon the staff member's continuing commitment to the University.

The committee invites written comments and briefs from any interested members of the University.

### SEPTEMBER 18 DEADLINE

*University of Toronto Bulletin* is published by Department of Information, Room 225, Simcoe Hall. All material for the next issue should be in the hands of the editor, Mrs. Winogene Ferguson (928-2102) by 5 p.m. today. Next deadline is noon, September 25.

Hon. John P. Robarts, Prime Minister of Ontario.

Named to the Board in 1945, Mr. Vaughan was for many years chairman of the Board's Property Committee and a key figure in planning the great physical expansion that began in 1956. He became Vice-Chairman of the Board in 1964. In 1968, with the retirement as chairman of Dr. Henry Borden, who remains a governor, Mr. Vaughan accepted the responsibilities of acting chairman.

In the words of Premier Robarts' announcement:

"Mr. Vaughan was born in Toronto March 16, 1896, and is a graduate of the University of Toronto.

"Following service overseas in World War I, Mr. Vaughan joined the T. Eaton Company in 1920. He was appointed a director in 1937, vice-president in 1942, and retired in February, 1961.

"He is a director of the Royal Winter Fair, a member of the advisory board, United Community Fund, the Art Gallery of Ontario, Royal Ontario Museum, Royal Canadian Institute, Toronto Board of Trade, and Canada Foundation."

## CUG's report due in October

The Commission on University Government worked through the summer and expects to have its report off the press and widely distributed before the end of October. Members of the Commission talked to newspaper reporters early in August about the kind of a report they expected to write.

There appeared to be unanimity among the Commission members that many months would be needed for the report to be widely and generally debated within the University. Some comments by individual members follow:

"We are working towards a new relationship for the Board of Governors and the Senate, and the integration of each with the student body and the staff of the University."

"It will be a statement of policy recommendations and our reasons for arriving at them. We hope the attitudes

(See page 3, col. 4)



President Claude Bissell

gives his Opening Address to Students and Staff  
at 2 p.m., Monday, September 22

in Convocation Hall

Lectures and laboratory classes

have been withdrawn from 1.45 p.m. to 3.10 p.m.

## Tanzania's President Nyerere in Convocation Hall Oct 2



President Julius K. Nyerere of Tanzania, who is seen with Professor Cranford Pratt in this recent photograph, will give an address in Convocation Hall at 3.30 p.m. on Thursday, October 2. Staff, students and members of the public are invited. He is visiting Toronto for the express purpose of marking the establishment of the U of T International Studies Programme headed by Professor Pratt.

The two men are old friends. Julius Nyerere has been President of Tanzania since the country became independent in 1961. In the same year Cranford Pratt, on leave from Toronto, became the first Principal of University College of Dar-es-Salaam, an enterprise close to the President's heart.

Professor Pratt returned to U of T in 1965, but Professor A. B. Weston, who went to Dar-es-Salaam with him (as Dean of Law) is still there. Other Toronto staff members who have spent at least a year in Tanzania include Professor W. T. Easterbrook, Professor Gerald Helleiner, Professor David Nowlan and Lecturers Richard Stren and Jack Wayne.

President Claude Bissell was a member of the Governing Council of University College, Dar-es-Salaam, from 1962 to 1964.



# COMING EVENTS

## SEPTEMBER

### 19 FRIDAY

#### Lectures

The School of Graduate Studies and Department of Mathematics. "Reflexive Lattices". Dr. Paul Halmos, Indiana University. Room 1070, Sidney Smith Hall. 4 p.m.

School of Graduate Studies and Department of Chemistry. "Mechanism of Homogenous Chain Catalysis and Inhibition". Prof. Zoltan Szabo, University of Budapest, Hungary. Room 158, Lash Miller Building. 4 p.m.

### 20 SATURDAY

#### Lecture

The School of Graduate Studies and Department of Mathematics. "Powers of Partial Isometries". Dr. Paul Halmos, Indiana University. Room 1070, Sidney Smith Hall. 10.10 a.m.

#### Athletics

Football. Western at Varsity. Varsity Stadium. 2 p.m.

### 21 SUNDAY

#### Exhibition

"Art for Architecture: Walls" circulated by the Art Gallery of Ontario, will be on exhibit at Scarborough College until Oct. 26. Included are spectaculars specially created by 33 leading Canadian artists. Also on view this month are a sculpture by Louis Archambault commissioned for Expo '67, and eight banners by Tony and Eleanor Paine created for Scarborough College. Open to the public on weekdays, 9 a.m. to 10 p.m. and on weekends from noon to 6 p.m.

### 22 MONDAY

#### Address

Opening Address to students and staff by President Claude Bissell. Convocation Hall. 2 p.m. Lectures and laboratory classes will be withdrawn from 1.45 p.m. to 3.10 p.m.

#### Exhibition preview

ROM preview of "Craft Dimensions Canada". Opening by the Hon. Gérard Pelletier. By invitation only. 8.30 p.m.

### 23 TUESDAY

#### Lecture

School of Graduate Studies and Department of Biochemistry. "The Biosynthesis of Blood Groups and Glycoproteins". Dr. Edward J. McGuire, Department of Biology, Johns Hopkins University. Room 2172, Medical Sciences Building. 10 a.m.

#### Film and Discussion

A medical teaching film by Dr. H. O. Barber produced in collaboration with the Art as Applied to Medicine Department of the Faculty of Medicine and a discussion on Techniques of Vestibular Testing. Academy of Medicine, Osler Hall, Bloor St. and Huron. 8.30 p.m.

### 24 WEDNESDAY

#### Lecture

The School of Graduate Studies and Department of Chemistry. "Thermocyclization of Unsaturated Carbonyl Compounds". Prof. J. M. Conia, Laboratoire d'Etude des Carbocycles, Faculté des Sciences, l'Université de Caen, Caen, France. Room 158, Lash Miller Building. 4 p.m.

### 26 FRIDAY

#### Lecture

The School of Graduate Studies and Department of Botany. "Ecological and Cultural Characters in Relation to the Taxonomy of the Ascomycetes". Dr. E. Müller, Institut für Spezielle Botanik, Eidgenössische Technische Hochschule, Zurich. Room 7, Botany Building. 11 a.m.

#### Supper

Faculty Club Buffet Supper. 5.30 to 8 p.m.

### 27 SATURDAY

#### Athletics

Soccer. York at Varsity. Back Campus. 12 noon.

Football. Waterloo at Varsity. Varsity Stadium. 2 p.m.

### 29 MONDAY

#### Lecture

The School of Graduate Studies and the Department of Chemistry. "Structure and Mechanism in the Photochemistry of Benzene". Prof. D. Bryce-Smith, Department of Chemistry, University of Reading. Room 158, Lash Miller Building. 4 p.m.

## OCTOBER

### 1 WEDNESDAY

#### Tours

"Architecture", noon; "Pioneer Life", 1 p.m.; "Birds", 2 p.m. Meet in the Main Rotunda, ROM.

#### Athletics

Rugger. Old Boys at Varsity. Back Campus. 3 p.m.

### 2 THURSDAY

#### Lecture

"Contemporary Crafts in the Museum". Hugh Wakefield, Victoria and Albert Museum, London. Museum Theatre, ROM. 8.15 p.m. Admission \$1.50. Refreshments. Tickets available from Canadian Guild of Crafts. 140 Cumberland St.

### 8 WEDNESDAY

#### Tours

"Greece", noon; "Athens", 1 p.m.; "West Asia", 2 p.m. ROM. Meet in Main Rotunda.

#### Athletics

Rugger and Soccer. Waterloo at Varsity. Back Campus. 3 p.m.

### 9 THURSDAY

#### Lecture

"Chinese Paintings from the Earl Morse Collection". Prof. R. Edwards, University of Michigan. Room 4, ROM. 8.30 p.m. Admission \$1.50. Members free.

### 11 SATURDAY

#### Athletics

Rugger and Soccer. Western at Varsity. Back Campus. 12 noon.

Football. McGill at Varsity. Varsity Stadium. 2 p.m.

### 15 WEDNESDAY

#### Tours

"Gems", noon; "Textiles", 1 p.m.; "Armour", 2 p.m. ROM. Meet in Main Rotunda.

### 16 THURSDAY

#### Lectures

Archaeological Institute of America, Toronto Society. "Tropical Forest Cities of the Maya". Prof. R. E. W. Adams. ROM. 4.30 p.m. Free. "Scottish Silver". Mrs. G. E. P. How. Room 4, ROM. 8.30 p.m. Admission \$1.50. ROM members free.

#### Collectors' Night

Experts identify your Canadian treasures. \$1 per item. No furniture. 7 to 10 p.m. Refreshments. Sigmund Samuel Canadiana Building.

### 17 FRIDAY

#### Rockhounds' Night

Open House in the Geology and Mineralogy galleries, ROM. 7.30 p.m. (Limited to 400.) Adults \$1, children under 14 free.

### 18 SATURDAY

#### Meeting

ROM Saturday Morning Club begins weekly meetings.

## Office assistance again available from Secretarial Services Unit

The Secretarial Services Unit, 215 Huron Street, is again available to provide typing and stenographic assistance to University departments by:

(1) providing staff on assignment to departments during peak load periods, vacation periods, or when a position is vacant, or

(2) accepting typing assignments such as manuscripts, lists, stencils, etc. to be completed in the Unit office.

The Unit staff consists of promising graduates of business and commercial courses who are interested in a secretarial career with the University. They receive formal training in subjects such as the organization of the University, the names and locations of various departments, the titles and names of senior academic and administrative officers, and in such procedures as setting up blanket orders, completing purchase requisitions, and preparing petty cash vouchers. The training program also includes instruction in telephone and reception techniques, introduction to specialized terminology, and instruction in manuscript typing.

Daily charges for the coming year will be at the rate of \$18.00 per day for a typist and \$20.00 per day for a stenographer. These rates are below those of commercial agencies.

It is important that the staff members of the Unit remain with the Unit until the spring so that

(1) they may complete and consolidate their training and

(2) the Unit may maintain a reasonably consistent level of service throughout the year.

It has been the practice in previous years to consider these young women for promotion to available University positions on completion of their formal training. This has resulted in a shortage from Christmas until the following August. For 1969-70 it is proposed that they not be considered eligible for a status change until the beginning of May, 1970. From then it should prove possible to have well-trained staff available for permanent transfer to University departments.

No offer of permanent employment should be made directly to the Unit staff members. Enquiries about the availability of such persons for permanent placement can be made to the Unit supervisor.

It is hoped that in the future all departments will avail themselves of the service when they have need of additional help. Miss Beverly Mayhew, the supervisor, will be pleased to answer any enquiries (telephone 928-2007).

## STAFF NOTES

### The University

UNIVERSITY PROFESSOR H. NORTHROP FRYE was the Beckman Professor in English for the Spring Quarter at Berkeley. Prof. Frye was also appointed Professor-at-Large at Cornell University, and was made a Foreign Honorary Member of the American Academy of Arts and Sciences. On May 6 he received an honorary Doctor of Letters degree from Acadia University and addressed Convocation, and on June 14 he received the degree of Doctor of Humane Letters at the Irvine Convocation of the University of California.

### Arts and Science

DEAN A. D. ALLEN presented invited papers on "Inorganic Nitrogen Fixation" at the annual meeting of the Chemical Institute of Canada, Montreal, May 25, and at the Great Lakes Regional meeting of the American Chemical Society, De Kalb, Ill., June 5.

PROFS. E. C. HOPEN and G. B. INGLIS attended the Anthropological Film Festival and Symposium at Temple University, Philadelphia, in April. Prof. Hopen showed his recently completed ethnographic film on the Fulani of Nigeria.

PROF. D. R. HUGHES was a panel discussant in a symposium, "Man and Evolution", at the 14th annual meeting of the Genetic Society of Canada at Queen's University in May.

During the period May 7-21 Prof. J. B. JONES visited the Medical Research Council, Cambridge, and the Universities of Oxford, Bristol and Exeter. At Bristol and Exeter he presented a colloquium entitled "Chemical Studies Related to the Carcinogenicity of Lactones".

The following members of the Department of East Asian Studies attended the Conference of the Canadian Society for Asian Studies at Guelph from April 17 to 19: PROFS. A. K. WARDER, G. T. ARTOLA, J. S. BROWNLEE, R. CHU, B. K. MATILAL, D. MALVANIA, W. SAYWELL, C. STEVENS, K. TSURUTA, N. VARMA, N. WAGLE and D. B. WATERHOUSE, and P. BANDYOPADHYAY. T. Mitrano attended the meeting as the student representative.

PROF. PAUL W. FOX has been appointed General Editor of the new McGraw-Hill series of books on Canadian Politics.

PROF. ALIDA J. HOGAN gave a talk Jan. 15 on "Social Structure of the Lek Community in the Ruff, *Philomachus pugnax* (L.)", at Queen's University. She gave a seminar, May 27, on "Social Structure of the Lek Community and Behavioral Polymorphism in the Ruff" at Rockefeller University.

### Law

PROF. JOHN WILLIS received an honorary LL.D. degree from Dalhousie University on May 16 and gave the Convocation address.

### Music

Prof. John Beckwith was composer-in-residence at the Interprovincial Music Camp, Junior Division, on Lake Couchiching from Aug. 22 to 31. Prof. Beckwith's cantata, *Jonah*, has recently been published by BMI Canada Ltd. His choral suite *The Trumpets of Summer* (on a text by Margaret Atwood) and his *Three Blessings* for a cappella chorus have been recorded in stereo for the CBC, and performed by the Festival Singers of Canada, Elmer Iseler conducting.

Prof. John Weinzwieg's *Concerto for Harp and Chamber Orchestra* (Centennial Commission) took a choreographic twist; its American premier was presented as a ballet entitled "Echoes" by Anna Sokolow and the Juilliard Dance Ensemble in the Juilliard Concert Hall, New York, March 20-22. Prof. Weinzwieg has been invited to see a film of the ballet when he goes to New York during this year. The work has just been published by Leeds Music (Canada) and recorded by the CBC. Prof. Weinzwieg received the degree Doctor of Music, *honoris causa*, from the University of Ottawa on May 25.

### Aerospace Studies

DR. H. S. RIBNER attended the 77th meeting of the Acoustical Society of America in Philadelphia, April 7-10. He presented a paper (co-author, P. J. F. Clark) on "Direct Correlation of Fluctuating Lift with Radiated Sound for an Airfoil in Turbulent Flow" and reported to the Noise Committee on organization of a session on Real-Time Random Data Processing for a forthcoming meeting in San Diego. Dr. Ribner also attended a meeting as a consultant to the Subcommittee on Aircraft Noise, Committee on SST-Sonic Boom, U.S. National Academy of Sciences, Washington, April 14. The subcommittee prepared recommendations for government sponsored research. Dr. Ribner was retiring chairman at the annual meeting of the Canadian Committee of Acousticians held in conjunction with the showing of the new acoustics laboratory of Domtar Construction Materials, Senneville, Que., April 16. The Faculty of Applied Sciences and Engineering, University of Buffalo, heard a repetition of Prof. Ribner's Turnbull Lecture on "Jets and Noise", in their seminar series on April 18. He presented a general lecture on "Fluid Dynamics of Noise" at a symposium of the Division of Fluid Mechanics, American Physical Society meeting, and attended a meeting of the executive committee of the Division in Washington, April 28-30.

### Computer Science

PROF. L. MEZEI delivered a paper, "Languages for Computer Graphics", at a seminar on Man-Machine Communications at the National Research Council, Ottawa, May 28.



# Appointed & Promoted

## Arts and Science

G. L. STAGG has been appointed chairman of the Department of Italian and Hispanic Studies, replacing J. H. PARKER, who remains on the teaching faculty. Prof. Stagg came to Toronto in 1956 from the University of Nottingham, where he had built the Department of Spanish to a high status. He resigned as head of the department here in 1966, remaining to teach. Prof. Stagg is a graduate of Cambridge and Harvard Universities. During the war he served in the British Intelligence Corps, was photo intelligence officer in North Africa and Italy, and director of strategic military air-photo interpretation in the central Mediterranean. Later he was involved in war criminals investigations.

MRS. JOAN E. FOLEY has been appointed acting chairman of the Department of Psychology during G. E. MACDONALD's leave of absence. She is a graduate of the University of Sydney where she received her Ph.D. in 1960. For two years she was with the Defence Research Medical Laboratories, and joined the U of T in 1963 as special lecturer. Dr. Foley's experimental studies have been mainly in the fields of learning, conditioning and perception, and since coming here almost exclusively in perceptual areas.

P. J. GIFFEN, appointed acting chairman of the Department of Sociology, earned his B.A. degree at Toronto and after service in the RCAF, his M.A. He did further study at Columbia. Prof. Giffen was co-editor of *The Canadian Forum*, 1954-59, and Executive Secretary, Minister of Transport's Advisory Committee on Traffic Accident Research, 1958-60. He has been Director, Ontario Study of the Chronic Drunkenness Offender since 1960 and on the Executive Council of the Centre of Criminology since 1963. Former chairman S. D. CLARK remains on the teaching staff.

In the Department of Philosophy, DAVID GAUTHIER and Miss L. M. SMITH have been appointed associate chairmen.

The following new members of staff have been appointed with the rank of professor:

A. M. GOODWIN (Geology), a graduate of Queen's University and the University of Wisconsin, has been with the Geological Survey of Canada for four years. Previously he held posts with the Ontario Department of Mines, and with Algoma Ore Properties.

R. E. ALLEN (Philosophy), last year at Purdue University, formerly taught at the Universities of Indiana and Minnesota. He is a graduate of Haverford College, St. Andrew's University, and his Ph.D. is from Yale.

ERIC FAWCETT (Physics) has B.A., M.A. and Ph.D. degrees from the University of Cambridge. He was a Postdoctoral Fellow, NRC, 1954-56, and for five years was Senior Research Fellow, then Principal Scientific Officer, Royal Radar Establishment, Malvern, England. Since 1967 he has been with the Bell Telephone Laboratories, Murray Hill, N.J.

DOUGLAS M. JOHNSTON, appointed professor in the Department of Political Economy and in the Faculty of Law, has been associate professor in the Graduate Faculty, New School of Social Research, and Research Associate in the Harvard Law School. His degrees are from St. Andrew's University, McGill and Yale.

B. R. BLISHEN (Sociology) has been cross-appointed from Trent University, where he has been professor of Sociology and Dean of Graduate Studies. He is a graduate of McGill and did postgraduate work at Columbia. Previous posts were with the Dominion Bureau of Statistics, Carleton University and the University of British Columbia. From 1961 to 1964 he was Research Director, Royal Commission on Health Services.

Among those appointed associate professor is JAMSHED MAVALWALA (Anthropology), with degrees from Panjab and Delhi Universities. He was visiting Fulbright Scholar at Harvard, 1961-63. He has taught at Saugar University, Manitoba, at the University of California at Riverside and Santa Barbara. He participated in the University of Chile/University of California Cooperative program to help establish anthropological studies in Chile, and has recently been involved with the Ford Foundation in setting up a research program among the Mapuche in Chile.

JOHAN A. HELLEBUST (Botany) with early education in Norway and service in that country's armed forces, has B.A., M.A. and Ph.D. degrees from Toronto. He did post-doctoral training at Woods Hole Oceanographic Institution as a Ford Foundation Fellow, 1962-64, and since 1964 has been assistant professor in marine biology at Harvard.

BRUCE BOSNICK (Chemistry), with degrees from the University of Sydney and

Australian National University, has been at University College, London, since 1962 as a DSIR Postdoctoral assistant, an ICI Fellow, and since 1967, as lecturer.

MRS. MILENA DOLEŽELOVÁ (East Asian Studies) graduate of Charles University, Prague, has been since 1954 at the Oriental Institute of Czechoslovak Academy of Sciences. She spent a year as a Research Fellow at the Institute of Literature in Peking, 1958-59. Dr. Doleželová has given lectures about Chinese storytelling in Warsaw, Moscow and Leningrad, and has lectured at Indiana University, Harvard, Michigan and Brown.

JEAN-PIERRE WALLOT (History) has M.A. and Ph.D. degrees from the University of Montreal, and has taught there since 1965. Since 1966 he has also been historian with the National Museum, Ottawa.

J. T. STEVENSON (Philosophy) is a graduate of the University of Manitoba and of Brown. He has held posts with the Winnipeg Public School Board and the University of Manitoba.

J. H. SOBEL (Philosophy) has degrees from the University of Illinois, State University of Iowa, and University of Michigan. He also studied at the University of Chicago and at Oxford. Dr. Sobel has taught at the University of Michigan, Wayne State University, Princeton, and from 1963 at the University of California, Los Angeles. Last year he was at the University of Massachusetts as visiting associate professor.

BAS C. VAN FRAASSEN (Philosophy), graduate of the Universities of Alberta and Pittsburgh, has taught at Point Park College, Pittsburgh, Virginia University, and since 1966 at Yale. Last year he was visiting associate professor at Indiana University.

ALAN ABOUCHAR (Political Economy) has B.A. and M.A. degrees in Economics from New York University, his M.A. from the University of California, Berkeley, in statistics, and also his Ph.D. in 1966 when his fields of concentration were Economic Systems, Statistics, and Econometrics.

R. D. B. THOMSON (Slavic Languages and Literatures) a graduate of Oxford, attended Moscow State University as a British Exchange Scholar, and was a Laming Travel Fellow at Oxford and Moscow, 1960-61. He lectured for two years at the University of Liverpool, and for five years at the School of Slavonic and East European Studies, University of London. Last year he was visiting associate professor at the University of Illinois.

JAMES L. WILKINS (Sociology with cross-appointment to the Centre of Criminology) comes from the University of Illinois, Chicago Circle. He was Postdoctoral Senior Research Scientist, New York State Department of Mental Hygiene, Syracuse, 1964-65, and has degrees from Northern Illinois University.

YOSHIO MASUI (Zoology) has taught at Yale since 1966, and previously at Konan University. He is a graduate of the University of Kyoto.

MISS FRANCES D. BURTON (Anthropology and Extension) is among the newly-appointed assistant professors. She has B.Sc. (French) and M.A. (Anthropology) degrees from New York University, and received her Ph.D. in Physical Anthropology this year from the State University of New York. Her area of specialization is primatology.

MISS VERA J. HIGGINS (Botany) graduate of Acadia University, has been working towards her Ph.D. in Plant Pathology at Cornell, where she has been graduate research assistant.

NORMAN CAMERMAN (Chemistry and Biochemistry) is a graduate of the University of British Columbia. He was for two years an NRC Overseas Postdoctoral Fellow at Royal Institution, London, and has been here for two years as a Postdoctoral Fellow in Chemistry and Biochemistry.

RAYMOND KAPRAL (Chemistry) is a graduate of King's College, Wilkes Barre, Pa. with a Ph.D. degree from Princeton. Since 1967 he has been Research Associate at MIT.

MICHAEL MENZINGER (Chemistry) was educated in Graz, Austria, and at Yale where he earned his Ph.D. in 1967. He was a Postdoctoral Fellow at the University of Colorado, and last year at the University of Freiburg, Germany.

G. A. OZIN (Chemistry) is a graduate of King's College, London University. He studied further at Oxford for his D.Phil. In 1968-69 he was ICI Research Fellow at the University of Southampton, and also taught there.

HANS-KARL LÜCKE (Fine Art) has had many careers, including those of actor and stage manager in Germany, and recently as author and editor. He was educated at the University of Kiel and graduated in the

(See page 4, col. 1)



Professor Wright, Judge C. O. Bick (who made the presentation), Mr. Huber

## Police award Civilian Citation to two U of T staff members

Two U of T staff members, a professor and a technician, have received Civilian Citations from the Metropolitan Toronto Board of Commissioners of Police for "outstanding services and unselfish assistance rendered to the Metropolitan Toronto police, in the preservation of law and order".

The awards, presented at the annual Toronto Police Games, were made to Prof. George Wright of the Department of Chemistry, and Helmut Huber, senior technician of the department.

The Citations were in recognition of the work of Prof. Wright and Mr. Huber in analyzing the explosives used in the bombings of homes of executives of Hawker Siddeley (Canada) Limited and De Havilland Aircraft of Canada Limited in 1968. The analysis revealed that the explosive force was created through the use of specific amounts of granular ammonium nitrate and zinc dust.

The police citation continued: "Their examination was not confined to analy-

sis, however. They made up similar bombs, experimenting by exploding various amounts, and were able to show through this method the probable measurement of ammonium nitrate and zinc dust used, also the fact that, after the bomb was made and filled with the proper amount of the above chemicals, those manufacturing the bombs added a set amount of water (5 to 10 cc) at the site they had chosen, using a hypodermic syringe, and that no doubt starch had been mixed with the chemicals to retard the passage of water from reaching the zinc dust, so that the explosion could be timed.

"The report submitted by Professor George F. Wright and Mr. Helmut Huber was excellently prepared, and in such a manner that it could be easily understood by a layman. Copies of the report have been forwarded to the Royal Canadian Mounted Police and the Federal Bureau of Investigation Laboratories, where such information will prove most valuable."

## EXHIBITIONS

"Two Centuries of Niagara Falls". Paintings, drawings, watercolours, 1687-1878. Sigmund Samuel Canadiana Building. To Sept. 28.

"The Bahamas Below". Colour photos and diving equipment. Third floor rotunda, ROM. To Sept. 28.

In Pursuit of Antiquity. Exhibition of Chinese painting spanning the 15th to 18th centuries. The key artist is the 17th century painter Wang Hui. Far Eastern Galleries, ROM. Until Oct. 26.

"Craft Dimensions Canada". The largest and most comprehensive exhibition of contemporary Canadian crafts yet assembled. Categories range from pottery to jewellery, textiles to metal work. Many items for sale. Exhibition Hall, ROM. Sept. 23 to Nov. 2.

## Report of CUG

(Continued from page 1)

will prevail even if the actual proposals change."

"We have been talking about a single-tier governing structure, with the numbers still up for debate."

"The University community should be largely self-governing."

"There should be greater participation by government in the financing of the University."

"A large lay group on the governing body would have a watchdog role on behalf of the public."

"The University must be a place where people with many different ideas can operate, a place where a variety of perspectives can be accommodated."

"The curriculum and areas of research should reflect an independent, progressive and tolerant institution."

"The decentralization of decision-making is one of the Commission's concerns. We seek a balance between a centralized and de-centralized structure."

"The real concern is the ethos of the whole, rather than power centres."

"Two things are constant in this University: variability and flexibility."

## Ph.D. Orals

All members of the Graduate Faculty have the right to attend Ph.D. oral examinations.

Friday, September 19

Edward Grant Jones, Department of Chemistry. "Ion-Molecule Reactions in the Gas Phase." Thesis supervisor: Prof. A. G. Harrison. Room 201, 65 St. George Street. 2 p.m.

Tuesday, September 23

T. J. Gajdicar, Department of Physics. "Dispersion Methods in Elementary Particle Physics." Thesis supervisor: Prof. J. W. Moffat. Room 201, 65 St. George Street. 2 p.m.

Wednesday, September 24

R. A. Coleman, Department of Physics. "Problems in Elementary Particle Physics." Thesis supervisor: Prof. J. W. Moffat. Room 201, 65 St. George Street. 2 p.m.

Friday, September 26

Robert E. Carter, Department of Philosophy. "A Study of Intrinsic Value in G. E. Moore and C. I. Lewis." Thesis supervisors: Profs. D. P. Dryer and F. E. Sparshott. Room 207, 65 St. George Street. 10 a.m.



# Appointed & Promoted

(Continued from page 3)

history of art, philosophy, literature and history.

JOSEPH B. ROBERTSON WHITNEY (Geography) is a graduate of the University of Hull and of Cambridge, and has been working for his Ph.D. at the University of Chicago. From 1952 to 1957 he was with the Education Department of the Hong Kong Government, and has taught at the University of Hong Kong, at Earlham College, Indiana University, and Imperial Institute, London. He was Associate Director of Earlham and Antioch Colleges' Non-Western Studies Program in Japan and lectured at Waseda University, Tokyo, 1963-64.

S. D. SCOTT (Geology) graduate of the University of Western Ontario, earned his Ph.D. in Geochemistry and Mineralogy at Pennsylvania State University, where he has been doing research and teaching.

L. W. FORGUSON (Philosophy) a graduate of Baldwin-Wallace College and Northwestern University, also studied at Oxford. He has taught at Northwestern University, Illinois Institute of Technology, Kendall College, and at the State University of New York at Buffalo since 1964. Last year he was visiting here.

ALLAN E. JACOBS (Physics and Extension) is a Toronto graduate with M.Sc. from the University of Waterloo, and a Ph.D. from the University of Illinois. Last year he was an NRC Postdoctoral Fellow.

PETER KIRKBY, also Physics, cross-appointed to Extension, has B.Sc., M.Sc. and Ph.D. degrees from McGill. In 1966-67 he was Nuclear Research Fellow at the University of Liverpool, and last year was a Research Associate here.

MARTIN TREFLER (Physics), also a Professional Associate, has B.A.Sc., M.Sc. and Ph.D. degrees from the U of T. He was an NRC Postdoctoral Fellow at King's College, London, last year.

D. I. WARDLE, also assistant professor and professional associate in Physics, is a graduate of Cambridge University. Since 1965 he has been in the Department of Physics here, first as a Postdoctoral Fellow, then part-time lecturer, and has also done consulting work the past two years.

MICHAEL DENNY (Political Economy, cross-appointed to the Institute for the Quantitative Analysis of Social and Economic Policy) is a Canadian who is a graduate of MIT and the University of California at Berkeley, where he has been teaching and research assistant.

GREGORY V. JUMP (Political Economy, also cross-appointed to IQASEP) graduate of Miami University, Ohio, with a Ph.D. from the University of Michigan, specializes in the fields of monetary theory, policy, and quantitative methods.

D. V. SCHWARTZ (Political Economy) has been cross-appointed to the Extension Division and also to the Centre for Russian and East European Studies. He has B.A. and M.A. degrees from Toronto, and has been working towards his Ph.D. at the University of Wisconsin. In 1967-68 he was an exchange student at Moscow State University.

EDWARD ANDREW (Political Economy and Extension) comes from Franklin and Marshall College, Lancaster, Pa. and previously held posts with the London Polytechnic and with the Ontario Department of Welfare and Rehabilitation Services. He is a graduate of the University of British Columbia and the London School of Economics and Political Science.

ROBERT O. MATTHEWS (Political Economy) has a B.A. from the U of T, a diploma from the University of Strasbourg, and an M.I.A. from Columbia University, where he has been working for his Ph.D. in the Department of Public Law and Government. He has taught in Paris and Ghana and at Columbia.

MISS LEYLA DE TOLEDO (Psychology) is a graduate of McGill and McMaster Universities. She has taught at McMaster and Brown and last year was research associate and lecturer here.

R. S. LOCKHART (Psychology) is a graduate of the University of Sydney. He has taught at Sydney, Pennsylvania State University, University of Chicago, and since 1968 has been a Postdoctoral Fellow here.

WILLIAM A. ROBERTS (Psychology) is a graduate of the University of Maryland and of Bryn Mawr College, and has taught at Bryn Mawr and Vassar. Last year he was a Fellow and lecturer in Sensation and Perception at U of T.

G. E. FINLEY (Psychology and Behavioural Sciences) comes from the University of British Columbia. He is a graduate of Antioch College, and of Harvard, where he earned his Ph.D. in Social Psychology in 1968.

WALTER PHILLIPS (Sociology) is a graduate of Rutgers University and the University of California at Berkeley where he has been

working for his Ph.D. He has held posts at the Berkeley and Davis campuses and at the University of Illinois, Urbana-Champaign.

L. J. TEPPERMAN (Sociology) whose appointment dates from January 1 next, has been working for his Ph.D. at Harvard. He has a B.A. from Toronto and also an ARCT for piano performance from the Royal Conservatory of Music.

WILLIAM T. GEILING (Zoology), graduate of the University of Louisville, received his Ph.D. this year from the University of Missouri. He was here last year doing post-doctoral work and lecturing.

J. D. RISING (Zoology) received his degrees from the University of Kansas, where he also taught. Last year he was a Post-doctoral Research Associate, Section of Ecology and Systematics at Cornell.

The following have been promoted to professorships: W. P. CARSTENS (Anthropology); T. E. REED (Anthropology and Zoology); J. E. CRUISE, M. L. HEIMBERGER and G. B. ORLOB (Botany); J. E. GUILLET (Chemistry); C.-C. SHIH (East Asian Studies); N. C. FIELD, I. BURTON and W. G. DEANE (Geography); M. E. MARMURA (Islamic Studies); W. T. MCCREARY (Italian and Hispanic Studies); K. MURASUGI (Mathematics); F. S. GRANT (Physics); A. R. DOBELL and J. D. BOSSONS (Political Economy and IQASEP); A. KRUGER (Political Economy and Scarborough); A. M. WATSON (Political Economy and Extension); R. A. LIVERSAGE and T. S. PARSONS (Zoology).

The following have been promoted to the rank of associate professor: R. B. DREWITT and S. WALLMAN (Anthropology); C. D. COOK and W. F. REYNOLDS (Chemistry); E. R. ALFOLDI (Fine Art); L. S. BOURNE (Geography and Urban Studies); J. L. VAN LOON (Geology); R. J. HELMSTADTER and P. GRENLER (History); S. H. SMITH, E. J. BARBEAU and E. PRUGOVECKI (Mathematics); R. A. IMLAY, F. F. WILSON and J. C. MORRISON (Philosophy); H. PIETERSMA and J. A. GRAFF (Philosophy and Victoria); P. P. M. MEINCKE (Physics); F. W. PEERS, G. HEIMAN, L. B. SMITH and A. ROTSTEIN (Political Economy); J. J. FUREDY and JOAN E. GRUSEC (Psychology); H. COOPERSTOCK (Sociology); D. W. DUNHAM (Zoology).

The following have had promotions to assistant professor: MRS. NANCY GRAH DENGLER (Botany); PETER MELLEN (Fine Art); BRENDA E. SEGALL, MRS. WENDY L. ROLPH and JOSÉ ESCOBAR (Italian and Hispanic Studies); MARK T. THORNTON (Philosophy and Victoria); RALPH LINDHEIM (Slavic Languages and Literatures); MRS. MERRIJOY KELNER (Sociology and Medicine).

## University College

NEVILLE EDGAR COLLINGE, appointed professor (Classics) and cross-appointed to Scarborough College, is a graduate of the University of Manchester and of Cambridge. He was senior lecturer in Classics, Durham University, 1947-69, and has taught as a visitor at the University of Pennsylvania and at Yale. Dr. Collinge was chairman of the Linguistics Association of Great Britain, 1962-65, and has been publications secretary, the Philological Society, London, since 1966. He has published numerous articles on classical literature and on ancient and modern linguistics, and a book, *The Structure of Horace's Odes* (1961).

KENNETH FLEMING QUINN, appointed professor (Classics), is a graduate of the Universities of New Zealand, Cambridge, and Melbourne. He lectured at Victoria University of Wellington, N.Z., 1948-55, was senior lecturer, then reader in Classics, University of Melbourne for a year. He was a Fellow of St. John's College, Cambridge, 1957-58. For the past four years he has been professor and head of the Department of Classics, University of Otago, N.Z. Prof. Quinn has published various essays and articles on Latin literature and the classical education.

BERNARD C. BARMANN, appointed associate professor (Classics) and cross-appointed to the Centre for Medieval Studies, earned his M.A. in Medieval philosophy from the University of Ottawa and a second M.A. from Stanford University in 1963. For two years he read Late Greek Palaeography at L'Ecole des Hautes Etudes of the Sorbonne, and received his Ph.D. from Stanford in 1966. He taught for three years at Ohio State University. Dr. Barmann will give undergraduate courses in Greek and two graduate courses, Greek Palaeography and Introductory Medieval Greek. He will also formulate a program of Byzantine Studies and improve the library's collection of Byzantine holdings.

WILLIAM J. HOWARD, appointed associate professor (English) and cross-appointed to

Scarborough College, has B.A. and M.A. degrees from Toronto, and his Ph.D. from Leeds University, 1965. He has been teaching at St. Michael's College.

HEINZ WETZEL, associate professor (German) studied from 1955 to 1960 at the Freie Universität Berlin, the Universität Hamburg, and Georg August Universität Göttingen, earning his Dr. phil. from the latter in 1967. He was lecturer in German at the Faculté des Lettres et Sciences Humaines, Université de Lille, France, 1960-64, visiting instructor of German at the University of Wisconsin for a year, and assistant professor of German at Queen's, 1965-69.

Three assistant professors have been appointed in Classics. PETER S. DEROW with B.A.'s from Amherst and Oxford, has been a Ph.D. candidate at Princeton. His specialty is ancient history. He has also been appointed to Scarborough College.

MISS CATHERINE ISOBEL REID is a graduate of Toronto and Oxford with a Ph.D. from Harvard, and has been cross-appointed to Erindale College. She specializes in ancient history.

MALCOLM BARTON WALLACE has B.A. and M.A. degrees from Toronto, a B.A. from Oxford, and has been a Ph.D. candidate here. His specialties are ancient history and numismatics.

HENRY AUSTER, appointed assistant professor (English), has a B.A. from McGill, an M.A. from Cambridge, and his Ph.D. from Harvard, where he has been assistant professor for a year.

Two assistant professors have been appointed to the Department of English and to Erindale College. DOUGLAS B. HILL, JR., with A.B. degree from Kenyon College, M.A. from Columbia, has been working for his Ph.D. at Columbia.

RONALD ROWER, graduate of City College of New York with M.A. and Ph.D. from Columbia, has taught at Hunter College, City College of New York, and at the University of Minnesota.

Four assistant professors have been appointed to the Department of French. ALBERT C. CHESNEAU, graduate of Lyon and the Sorbonne, taught for some years in Chambéry and in 1965 became assistant professor at Vanderbilt University, Nashville, Tenn. He has been director of that university's Foreign Studies Program at Aix-en-Provence.

PETER NESSELROTH began his secondary education in Brussels, completed it in New York, then went to City College of New York and received his Ph.D. from Columbia in 1968. As part of his program here he will teach a course on French Symbolism and Surrealism.

ANDRÉ STEIN, cross-appointed to Erindale College, was born in Hungary, raised in France, and has just completed his doctorate at the University of California at Berkeley. He has taught at the University of California, most recently at Santa Barbara. His work at Erindale will include a course on the structure of modern French, and on the St. George campus a course on the Philosophical Current in French Literature.

HENRY WEINBERG, cross-appointed to Erindale College, is a graduate of Roosevelt, Northwestern, and Michigan. After completing his doctoral thesis on Zola he taught at the Universities of Cincinnati and California at Irvine. He will participate in teaching on the St. George campus the fourth-year course on the French novel from 1800 to 1940.

Two assistant professors have been appointed in the Department of German. JOHN PHILIP PAYNE, cross-appointed to Erindale College, was educated at Cambridge, then studied at the University of Vienna and at the Sorbonne, then again at Cambridge where he earned his M.A. In 1967 he became assistant lecturer at the University of Reading.

HORST WITTMANN, cross-appointed to Scarborough College, studied at the University of Göttingen, then was a Fulbright scholar at Amherst College. He taught at Mt. Holyoke College, and at the University of Massachusetts where he earned his Ph.D. Dr. Wittmann was director of the language program of the German Department there from 1963 to 1965.

LOUIS D. LEVINE, appointed assistant professor (Near Eastern Studies) is also

assistant curator of the ROM's West Asian Department. He was educated at Brandeis and the University of Pennsylvania, where he earned his Ph.D. and instructed for three years. He has had five summers' experience in archaeological fieldwork, has dug at Hasanlu and Godin Tepe in Iran and is assistant director of the Godin Tepe expedition. Dr. Levine conducted a four-month archaeological survey of Western Iran, and dug for a season at Munhatta in Israel. He will teach Western Asian archaeology.

MAURICE REGARD, visiting professor (French) is former head of the Department of French at the University of Aix. He had previously taught in the Universities of Bordeaux, Algiers and Clermont-Ferrand, and was visiting professor in University College in 1965. His world-wide reputation as a critic and historian of nineteenth-century French literature is based on a long list of important publications on French writers of the Romantic era, notably Sainte-Beuve, Balzac and Chateaubriand. The latter will be the subject of the graduate courses he will give. He will also participate in giving the fourth-year course on the French novel from 1800 to 1914.

Promotions to assistant professor rank have gone to: W. M. LEBANS and S. F. NIERMEIER (English); B.-Z. SHEK (French); and COLIN BUTLER (German).

## Victoria College

M. C. CROSS of the Department of History has been appointed Dean of Men in Victoria College. Dr. Cross was an undergraduate at Victoria and has M.A. and Ph.D. degrees from Toronto.

W. D. SHAW, appointed associate professor (English) studied first at University College, then earned A.M. and Ph.D. degrees at Harvard. He has taught at Cornell and last year was visiting at the University of California.

Promotions to the rank of professor have been made to D. E. BOUCHARD (French), K. O. KEE (English) and W. T. MCCREARY (Spanish).

Promotions to associate professorships have gone to P. A. R. BOUISSAC, E. N. BURSTYNSKY, B. S. MERRILEES, J. A. MCCLELLAND, R. A. TAYLOR and C. D. E. TOLTON (French); R. M. FREEMAN (Religious Studies); J. A. GRAFF (Ethics) and J. A. CARSCALLEN (English).

M. T. THORNTON (Ethics) has been promoted to assistant professor rank.

## Trinity College

S. P. ZITNER, appointed professor of English, has been Carter-Adams Professor of Literature at Grinnell College, Iowa, and was formerly head of the department there. He is a graduate of Brooklyn College and New York and Duke Universities.

M. J. SIDNELL, associate professor (English) was visiting professor at York University last year. Previously he was at Trent and Mt. Allison Universities. His degrees were earned at the University of London.

D. D. C. CHAMBERS, assistant professor (English) has been lecturing at the University of York, England, and was previously a research student at Cambridge. His degrees are from Toronto and Princeton.

P. C. B. RICHARDSON has been appointed director of development and responsible for all fund-raising projects apart from Living Endowment. He has been assistant director of development at U of T for two years. He studied engineering in England and was an editorial writer and freelance journalist before coming to Canada in 1967.

A. DALZELL of the Department of Classics has been appointed Dean of Arts.

R. B. PARKER (English) has been promoted to the rank of professor.

Promotions to the rank of assistant professor have gone to: MRS. R. E. FANTHAM and C. J. McDONOUGH (Classics); MRS. N. R. LINDHEIM and R. L. WHITNEY (English); L. C. KERSLAKE (French) and A. D. LATTA (German).

## Connaught Medical Research Laboratories

The following have been appointed to the rank of research associate: G. M. HEALY, DR. H. R. HELD, and J. C. W. WEBER.

## Call for conductors and orchestral players

The Conductors' Workshop inaugurated last year by the Ontario Arts Council and the Faculty of Music, U of T, will this year be under the direction of Victor Feldbrill and Boyd Neel.

Auditions to select student conductors for the one-year course will be held at 10 a.m. Saturday, Sept. 20, in the Concert Hall of the Edward Johnson Building. Conductors wishing to audition should phone 928-3760.

There are no fees for the course, which involves a two-hour afternoon score studying session every week under the supervision of either Dr. Neel or Mr. Feldbrill and practical conducting work with a repertoire orchestra on Saturday mornings.

Members are also needed for the repertoire orchestra and auditions for all sections will be held in Room 078 of the Edward Johnson Building at 10 a.m. Saturday, Sept. 27.